

Atty. Docket No. CQ10223
PATENT APPLICATION

AMENDMENT UNDER 37 C.F.R. § 1.111
U.S. Application No. 10/760,671

AMENDMENTS TO THE CLAIMS

This listing of claims will replace all prior versions and listings of claims in the application:

LISTING OF CLAIMS:

1. *(Currently Amended)* A computer readable medium embodying a set of computer-executable instructions, which, when executed by one or more processors cause the one or more processors to generate a media presentation authoring system comprising:

a media presentation environment representation wherein a portion of the media presentation environment representation is defined as [[a]] multiple hot-spots, each of the hot-spots being associated with a particular media presentation device.
2. *(Currently Amended)* The computer readable medium of claim 1, wherein the media presentation environment representation is a pictorial representation of the media presentation environment.
3. *(Currently Amended)* The computer readable medium of claim 1, wherein the media presentation environment representation includes a plurality of representations of at least a portion of the media presentation environment.
4. *(Currently Amended)* A computer readable medium embodying a set of computer-executable instructions, which, when executed by one or more processors cause the one or more processors to generate a media presentation authoring interface comprising:

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a hyper-slide listing portion;
an animation order listing portion;
a hyper-slide preview portion; and
a media presentation environment representation portion,
wherein the media presentation environment representation portion includes a portion defined as [[a]] multiple hot-spots, each of the hot-spots corresponding to a specific media presentation device.

5. *(Currently Amended)* The computer readable medium of claim 4, wherein the media presentation authoring interface according to claim 4, further comprises comprising a level of granularity selecting portion.

6. *(Currently Amended)* The computer readable medium of claim 4, media presentation authoring interface according to claim 4, wherein the media presentation environment representation portion is a pictorial representation of the media presentation environment.

7. *(Currently Amended)* The computer readable medium of claim 4, media presentation authoring interface according to claim 4, wherein the media presentation environment representation includes a plurality of representations of the media presentation environment.

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8. *(Currently Amended)* The computer readable medium of claim 4, media presentation authoring interface according to claim 4, wherein the media presentation environment representation portion includes a plurality of portions defined as a hot-spots corresponding to a plurality of specific media presentation devices.

9. *(Currently Amended)* A computer readable medium embodying a set of computer-executable instructions, which, when executed by one or more processors cause the one or more processors to generate a media presentation authoring interface comprising:

a media presentation environment representation portion;

a hyper-slide listing widget portion; and

a media presentation authoring widget portion, wherein

the media presentation environment representation portion includes a portion defined as [[a]] multiple hot-spots, each of the hot-spots being associated with a particular media presentation device,

the hyper-slide listing widget portion includes one or more widgets identifying a hyper-slide for use in a media presentation,

the media presentation authoring widget portion includes a portion associated with a particular media presentation device, and

the media presentation authoring widget portion includes a portion associated with a particular time during a media presentation.

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10. *(Currently Amended)* The computer readable medium of claim 9, media presentation authoring interface according to claim 9, wherein the media presentation environment representation portion includes a pictorial representation of the media presentation environment.

11. *(Currently Amended)* The computer readable medium of claim 9, media presentation authoring interface according to claim 9, wherein the media presentation authoring widget portion includes one or more media presentation authoring widgets that extend for more than one time portion of the media presentation.

12. *(Currently Amended)* The computer readable medium of claim 11, media presentation authoring interface according to claim 11, wherein the one or more media presentation authoring widgets are bars having an adjustable length.

13. *(Currently Amended)* The computer readable medium of claim 9, media presentation authoring interface according to claim 9, further comprising a media presentation dev *(Original)* ice listing portion.

14. *(Currently Amended)* The computer readable medium of claim 13, media presentation authoring interface according to claim 13, wherein a user defines an association between a hot-spot in the media presentation environment representation portion and a media presentation device listed in the media presentation device listing portion.

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15. *(Currently Amended)* The computer readable medium of claim 9, media presentation authoring interface according to claim 9, wherein the media presentation environment representation portion includes a plurality of portions defined as a hot-spots corresponding to a plurality of particular media presentation devices.

16. *(Currently Amended)* A method for authoring a media presentation comprising:
selecting a physical device for a presentation unit in a media presentation environment representation by selecting a portion of the media presentation environment representation defined as one of multiple hot-spots, associated with the physical device;

manipulating a visual representation of the presentation unit;
recording a display of the presentation unit in a storage medium; and
previewing the presentation.

17. *(Original)* The method for authoring a media presentation according to claim 16, wherein manipulating includes interacting with the presentation unit in a computer and in the media presentation environment representation.

18. *(Original)* A method for authoring a media presentation according to claim 16, wherein the physical device is a part of the media presentation environment.

19. *(Original)* The method for authoring a media presentation according to claim 16, wherein manipulating includes dragging the visual representation of the presentation unit from

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an integrated presentation authoring environment or from a file directory and dropping the visual representation of the presentation unit on a representation of the physical device.

20. *(Original)* The method for authoring a media presentation according to claim 16, wherein the physical device is selected from the list comprising a display, a projector, a printer, a loud speaker, a light, a facsimile machine, a computer, a tape recorder, a video recorder, a camera, a fan, an air blower, a sprinkler, a water faucet, and a stereoscopic projector.

21. *(Original)* The method for authoring a media presentation according to claim 16, wherein the presentation unit is selected from the list comprising a digital file, a sound, an audio segment, a video segment, a streaming video signal, a streaming audio signal, a turn light on action, a turn light off action, a dim light action, a brighten light action, a text box, an image, a turn display on action, a turn display off action, a turn projector on action, a turn projector off action, a print action, a brighten display action, a dim display action, a send facsimile action, and a computer action.

22. *(Original)* The method for authoring a media presentation according to claim 16, wherein previewing includes previewing the presentation in an augmented reality environment.

23. *(Original)* The method for authoring a media presentation according to claim 16, wherein previewing includes previewing the presentation in a virtual reality environment.

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24. *(Original)* The method for authoring a media presentation according to claim 16, wherein previewing includes previewing the presentation in a combination of an augmented reality environment and a virtual reality environment.

25. *(Original)* The method for authoring a media presentation according to claim 16, wherein previewing further comprises previewing the presentation in a graphics based virtual reality environment.

26. *(Original)* The method for authoring a media presentation according to claim 16, wherein the augmented reality environment is a video show of the media presentation environment while the presentation is played in that environment.

27. *(Original)* The method for authoring a media presentation according to claim 16, further comprising repeating selecting, manipulating and recording for a plurality of presentation units corresponding to a plurality of media devices in the media presentation environment.

28. *(Currently Amended)* A computer readable medium embodying a set of computer-executable instructions, which, when executed by one or more processors cause the one or more processors to generate a media presentation previewing interface comprising:

a media presentation environment representation portion comprising multiple hot-spots, each of the hot-spots being associated with a particular media presentation device; and

a media presentation movement portion, wherein

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a media presentation is previewed in a virtual environment depicted in the media presentation environment representation portion; and

the media presentation movement portion is used to control a flow of the media presentation preview.

29. *(Currently Amended)* The computer readable medium of claim 28, wherein the media presentation preview interface according to claim 28, further comprises comprising a media presentation outline portion.

30. *(Currently Amended)* The computer-readable medium media presentation preview interface according to claim 28, wherein the previewed media presentation controls a plurality of types of media presentation devices.

31. *(Currently Amended)* The computer-readable medium media presentation preview interface according to claim 28, wherein the previewed media presentation controls a plurality of a particular type of media presentation device.

32. *(Currently Amended)* A computer readable medium embodying a set of computer-executable instructions, which, when executed by one or more processors cause the one or more processors to generate a media presentation previewing interface comprising:

a media presentation environment representation portion comprising multiple hot-spots, each of the hot-spots being associated with a particular media presentation device; and

a media presentation movement portion, wherein

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a media presentation is previewed in an augmented reality environment depicted in the media presentation environment representation portion; and

the media presentation movement portion is used to control a flow of the media presentation preview.

33. *(Currently Amended)* The ~~computer-readable medium media presentation preview interface~~ according to claim 32, further comprising a media presentation outline portion.

34. *(Currently Amended)* The ~~computer-readable medium media presentation preview interface~~ according to claim 32, wherein the previewed media presentation controls a plurality of types of media presentation devices.

35. *(Currently Amended)* The ~~computer-readable medium media presentation preview interface~~ according to claim 28, wherein the previewed media presentation controls a plurality of a particular type of media presentation device.

36. *(Original)* An integrated presentation authoring and preview environment, comprising:

a camera system that captures live video of physical devices in a presentation environment;

a presentation environment model including a model for each physical device in the presentation environment; and

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a graphical user interface coupled with the camera system or the presentation environment model, wherein

the presentation environment model is selected from the list comprising a two-dimensional schematic, a three-dimensional schematic, a three-dimensional pictorial image, and a combination of a two-dimensional schematic, a three-dimensional schematic and a three-dimensional pictorial image.

37. *(Original)* The integrated presentation authoring and preview environment according to claim 36, wherein the presentation environment includes a plurality of types of media presentation devices.

38. *(Original)* The integrated presentation authoring and preview environment according to claim 36, wherein the presentation environment includes a plurality of a particular type of media presentation device.

39. *(Original)* A media presentation playback system that plays back an authored media presentation authored by the media presentation authoring system according to claim 1, comprising:

a master computer; and

one or more remote control agents corresponding to one or more media presentation devices.

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40. *(Original)* A media presentation playback system that plays back an authored media presentation authored in the media presentation authoring interface according to claim 4, comprising:

a master computer; and

one or more remote control agents corresponding to one or more media presentation devices.

41. *(Original)* A media presentation playback system that plays back an authored media presentation authored in the media presentation authoring interface according to claim 9, comprising:

a master computer; and

one or more remote control agents corresponding to one or more media presentation devices.

42. *(Original)* A media presentation playback system that plays back an authored media presentation authored by the method of authoring a media presentation according to claim 16, comprising:

a master computer; and

one or more remote control agents corresponding to one or more media presentation devices.

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43. *(Original)* A media presentation playback system that plays back an authored media presentation authored in an integrated presentation authoring and preview environment according to claim 36, comprising:

a master computer; and

one or more remote control agents corresponding to one or more media presentation devices.

44. *(Currently Amended)* A computer readable medium embodying a media presentation authoring system architecture including the media presentation authoring system according to claim 1, comprising:

a media presentation authoring, previewing and playback software component; and
one or more remote control agents corresponding to a media presentation device.

45. *(Currently Amended)* A computer readable medium embodying a media presentation authoring system architecture, comprising:

a media presentation authoring, previewing and playback software component including the media presentation authoring interface according to claim 4; and
one or more remote control agents corresponding to a media presentation device.

46. *(Currently Amended)* A computer readable medium embodying a media presentation authoring system architecture, comprising:

a media presentation authoring, previewing and playback software component including the media presentation authoring interface according to claim 9; and

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one or more remote control agents corresponding to a media presentation device.

47. *(Original)* A media presentation authoring system architecture, comprising:
a media presentation authoring, previewing and playback software component capable of performing the method for authoring a media presentation according to claim 16; and
one or more remote control agents corresponding to a media presentation device.

48. *(Currently Amended)* A computer readable medium embodying a media presentation authoring system architecture, comprising:
a media presentation authoring, previewing and playback software component including the media presentation previewing interface according to claim 32; and
one or more remote control agents corresponding to a media presentation device.

49. *(Currently Amended)* A computer readable medium embodying a media presentation authoring system architecture including an integrated presentation authoring and preview environment according to claim 36, comprising:

a media presentation authoring, previewing and playback software component; and
one or more remote control agents corresponding to a media presentation device.

50. *(New)* The media presentation authoring system according to claim 1, wherein the hot-spot is a selected region that includes at least one area including the media presentation device on the media presentation environment representation representing a plurality of the media presentation devices.